



PHENYLTHIOUREA

UN 2767

Shipping name: Phenyl urea, pesticides, solid, toxic

Other Names: N-phenylthiourea
Phenylthiocarbamide
1-Phenyl-2-thiourea
PTU



WARNING! • POISON! SWALLOWING OR BREATHING THE POWDER CAN KILL YOU!

- Firefighting gear (including SCBA) does not provide adequate protection. If exposure occurs, remove and isolate gear immediately and thoroughly decontaminate personnel

Hazards: <ul style="list-style-type: none">• Irritating to skin, eyes, nose and lungs• Combustion or decomposition products upon heating include toxic nitrogen and sulfur oxides• Reacts with acids to release toxic sulfur oxides	Description: <ul style="list-style-type: none">• White solid• No odor found• Sinks in water and is slightly soluble in water• Very flammable
Awareness and Operational Level Training Response: <ul style="list-style-type: none">• Do not put yourself in danger by entering a contaminated area to rescue a victim• Stay upwind• Determine the extent of the problem• Isolate the area of release or fire and deny entry• Remove all ignition sources• For container exposed to fire evacuate the area in all directions because of the risk of explosion• Evacuate or shelter in place the immediate area and downwind for a large release• Notify local health and fire officials and pollution control agencies• If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water	Operational Level Training Response: <p>RELEASE, NO FIRE:</p> <ul style="list-style-type: none">• Cover material to protect from wind, rain or spray• Prevent runoff from entering sewers and waterways if it can be done safely well ahead of the release <p>FIRE:</p> <ul style="list-style-type: none">• Use water to extinguish fire• Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely• If cooling streams are ineffective (unvented container distorts, bulges or shows any other signs of expanding), withdraw immediately to a secure location

First Aid:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
 - ♦ Inhalation - remove the victim to fresh air and give oxygen if available
 - ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
 - ♦ Eye - rinse eyes with large volumes of water or saline for 15 minutes
 - ♦ Swallowed - do not make the victim vomit
- Seek medical attention

CAS: 103-85-5